

NT5 Logo Program Changes

DII COE NTAG Overview

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NT5 Logo Program Changes

Microsoft now offers a two-tiered Logo Program, defined as follows:

- **“Basic” Logo:** This Logo helps customers identify products that have been tested on 32-bit versions of Windows and Windows NT, while preserving the overall stability of the system. This Logo explicitly identifies the version (or versions) of Windows or Windows NT for which the product passed compliance testing.
- **“Gold” Logo:** This Logo helps customers identify products that are optimized specifically to deliver the benefits of Windows NT Workstation version 5.0 (referred to as Windows NT in these guidelines).

NT5 Logo Program Changes

A product that carries the Basic Logo includes these characteristics:

- Installs cleanly and does not interfere with system components.
- Uninstalls properly.
- Interoperates well with other applications on the system.
- Functions normally after the operating system is upgraded to Windows NT 5.0.

The Basic Logo is available for the following operating systems:

- Windows NT Workstation version 5.0
- Windows NT Workstation version 4.0
- Windows 98
- Windows 95

NT5 Logo Program Changes

The Gold Logo identifies products that are optimized to deliver customers the benefits of Windows NT Workstation version 5.0. A product that carries the Gold Logo includes these characteristics:

- **Provides a consistent, accessible user experience.**
- **Uses Windows Installer to ensure a robust, self-repairing installation.**
- **Ensures a good “roaming user” experience by properly separating user-versus-computer data and settings, and by complying with system policies set by administrators.**
- **Supports OnNow/ACPI capabilities, cooperating with the power management capabilities of the operating system, delivering the best mobile computing experience possible.**

NT5 Logo Program Changes

The *Microsoft Windows Logo Program Software Requirements* presents the specific requirements and pretesting guidelines for the Basic level of the logo program, including:

- **Windows Fundamentals**
- **Application Install and Uninstall**
- **Application Migration**

NT5 Logo Program Changes

Window Fundamentals

- 1. Provide only 32-bit components**
- 2. Query the system for folder names**
- 3. Support informational keys in the registry**
- 4. Do not add to Win.ini or System.ini**
- 5. Ensure stability and functionality under Windows**
- 6. Perform Windows version checking correctly**
- 7. Support autoplay of compact discs**
- 8. Accommodate distribution of suites and multiple product versions**
- 9. Test software drivers that are shipped with applications**

NT5 Logo Program Changes

Install/Uninstall

1. Check availability and access to resources before install
2. Provide the appropriate default install location
3. Do not overwrite files with older versions
4. Refcount all shared application files during installation
5. Provide and register a fully automated uninstaller
6. Decrement the count on shared application files during uninstall

Migration to NT5

1. Migrate correctly upon upgrade to Windows NT 5.0

NT5 Logo Program Changes

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This part of the *Microsoft Windows Logo Program Software Requirements* presents the specific requirements and pretesting guidelines for the Gold level of the logo program, including:

- **User Interface Fundamentals**
- **Windows Installer**
- **User Data and Application Settings**
- **OnNow/ACPI Support**

NT5 Logo Program Changes

User Interface

- 1. Support standard system size, color, and input settings**
- 2. Ensure compatibility with the High Contrast option**
- 3. Provide keyboard access to all features**
- 4. Document the keyboard user interface**
- 5. Provide notification of the keyboard focus location**
- 6. Do not rely on sound alone**

NT5 Logo Program Changes

Windows Installer

- 1. Provide a Windows Installer package that passes validation testing**
- 2. Observe rules in componentization**
- 3. Ensure that each file appears in at most one component**
- 4. Ensure that the Windows Installer package fully supports advertising**
- 5. Ensure correct uninstall support**

NT5 Logo Program Changes

User Data and Application Settings

- 1. Support all system policies**
- 2. Enable policies for the application**
- 3. Enable administrators to control application policies**
- 4. Store user data in the user profile**
- 5. Default to the My Documents folder**
- 6. Support UNC and LFN paths everywhere**
- 7. Use Win32 APIs instead of environment variables in paths**
- 8. Place shared DLLs in the application's directory**
- 9. Hide and protect application files**
- 10. Use proper access rights when opening registry keys**
- 11. Correctly accommodate unknown user access rights**
- 12. Use Synchronization Manager**

NT5 Logo Program Changes

OnNow/ACPI Support

This section provides some brief guidelines for pretesting your application's support for user profiles and system policies.

- ***To pretest correct storage of user data and defaults:***
- **1. Run the application, choose user preferences, create files,**
- **2. Roam to another computer, and run the application again. All preferences and data should be available.**
- **3. Verify that file\save actions default to the correct folder.**
- **4. Test the application running from a network share and with data stored on a network location.**

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- *questions* -

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